

 <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p>	<h1>AMS02-PDS</h1>	<p>DOC N°: PDS-RP-CGS-031</p> <p>ISSUE : 1 DATE: 24/06/2008</p> <p>PAGE : 1 of 1</p>
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INSPECTION REPORT

<p>APPLICABLE DOC. REF.</p> <p>AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001 is. 1</p>	<p>PROC. REF.</p> <p>N.A.</p>
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ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – Esem 3-A Board Assy p/n:11-AMS02PDS-300.00 s/n:05 — Inspection Point.

REQUIREMENT SATISFIED

Manufacturing according to aerospace standards

INSPECTION (Action/Results)

DESCRIPTION

Inspection was performed at Carlo Gavazzi Space premises starting on 24 June 2008 and was carried out on the following board, detail of the inspected board was below reported:

- 1) Esem 3-A Board Assy p/n:11-AMS02PDS-300.00 s/n:05 (pcb s/n:07-035/A).

HARDWARE REVIEW

1) Esem 3-A Board Assy p/n:11-AMS02PDS-300.00 s/n:05(pcb s/n:07-035/A), Assy:11-AMS02PDS-300.00 rev./, Parts List:11-AMS02PDS-300.01 rev.A, Electrical Scheme:11-AMS02PDS-300.02 rev./, Master PCB:11-AMS02PDS-300.03 rev./.

The following NCRs were presented during the inspection:

- NCR-PDS-CGS-C-022(mechanical assembly problems), NCR classified "minor" is closed.
- NCR-PDS-CGS-C-049(rubber silicon sheet missing under U22 component), NCR classified "minor" is closed.

The following PLVSS (Parts List Variation Sheet) were presented during the inspection:

- 11-AMS02PDS-300.01 rev A – A1 can be considered closed.
- 11-AMS02PDS-300.01 rev A – A6 can be considered closed.
- 11-AMS02PDS-300.01 rev A – A7 can be considered closed.
- 11-AMS02PDS-300.01 rev A – A8 can be considered closed.

On the pcb the following components are not mounted:U6 (AD590) and U25 (A1020B-CQ84B FPGA).

The H/W has been visually inspected and is ok: no damage, visible clean is ok.

CONCLUSION

All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38.

On Esem 3-A Board Assy p/n:11-AMS02PDS-300.00 s/n:05 (pcb s/n:07-035/A) the following components are not mounted:U6 (AD590) and U25 (A1020B-CQ84B FPGA).

Operator	Quality Assurance	C.C.
Signature	E. FRANCHI	C. CINQUEPALMI
Date	24/06/08	24/06/08